Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 3 Greenbugs/Tiller

Fall	OSI J
Edition	OKLAHOMA COOPERATIVE EXTENSION SERVICE

Economic Thresholds for September - December

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- ▶ At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- ▶ If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Fall, Threshold = 3

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Sample ▼		Stop every 30 ft. and look at 3 tillers Mark a leaf for each tiller that has 1 or more greenbugs					Don't Treat	Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ T	▼
Tillers 1-15 ▶	۵۵۵	۵۵۵	۵۵۵	٥٥٥	۵۵۵	▶ /15▶	1 or less	2-9	10 or more
Tillers 16-30 ▶	۵۵۵	٥٥٥	٥٥٥	۵۵۵	٥٥٥	► /30 ►	7 or less	8-15	16 or more
Tillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	۵۵۵	٥٥٥	► /45 ►	13 or less	14-21	22 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	19 or less	20-27	28 or more
Tillers 61-75 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /75 ▶	25 or less	26-33	34 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /90▶	31 or less	32-39	40 or more
		Stop Samplin	g Resamp	le in 2-4 days					

Field 2

Date

Fall, Threshold = 3

Sample V	Stop 1		ery 30 ft. and look at ch tiller that has 1 o Stop 3		Stop 5	Total tillers with 1 or more greenbugs	Don't Treat	Keep Sampling	Treat
Tillers 1-15 ▶	۵۵۵	000	۵۵۵	000	۵۵۵		1 or less	2-9	10 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	7 or less	8-15	16 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /45 ▶	13 or less	14-21	22 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /60▶	19 or less	20-27	28 or more
Tillers 61-75 ▶	٥٥٥	000	٥٥٥	٥٥٥	۵۵۵	▶ /75 ▶	25 or less	26-33	34 or more
Tillers 76-90 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	۵۵۵	▶ /90▶	31 or less	32-39	40 or more

Field 3		Date	F	all, Thresho	old = 3				AHOMA COOPERATIVE
Sample ▼	0 1	Stop eve Mark a leaf for ea	Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat			
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼	▼
Tillers 1-15 ▶	۵۵۵	۵۵۵	۵۵۵	٥٥٥	۵۵۵	▶ /15▶	1 or less	2-9	10 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /30 ▶	7 or less	8-15	16 or more
Tillers 31-45 ▶	۵۵۵	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /45▶	13 or less	14-21	22 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	19 or less	20-27	28 or more
Tillers 61-75 ▶	۵۵۵	٥٥٥	۵۵۵	٥٥٥	۵۵۵	▶ /75 ▶	25 or less	26-33	34 or more
Tillers 76-90 ▶	$\Lambda\Lambda\Lambda$	$\Lambda\Lambda\Lambda$	$\Lambda\Lambda\Lambda$	$\Lambda\Lambda\Lambda$	$\Lambda\Lambda\Lambda$	▶ /90 ▶	31 or less	32-39	40 or more

Field 4 Date Fall, Threshold = 3

	Total tillers with 1 or more	Don't	Keep Sampling	Treat				
Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	Ticat ▼	oampinig ▼	•
$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /15▶	1 or less	2-9	10 or more
$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	$\delta \delta \delta$	٥٥٥	▶ /30▶	7 or less	8-15	16 or more
٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	13 or less	14-21	22 or more
۵۵۵	۵۵۵	۵۵۵	۵۵۵	۵۵۵	▶ /60▶	19 or less	20-27	28 or more
$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	٥٥٥	► /75 ►	25 or less	26-33	34 or more
$\Delta\Delta\Delta$	$\Delta \Delta \Delta$	$\Delta\Delta\Delta$	۵۵۵	۵۵۵	▶ /90 ▶	31 or less	32-39	40 or more
	Stop 1	Mark a leaf for ea	Mark a leaf for each tiller that has 1 o	Stop every 30 ft. and look at 3 tillers Mark a leaf for each tiller that has 1 or more greenbugs Stop 1 Stop 2 Stop 3 Stop 4	Mark a leaf for each tiller that has 1 or more greenbugs	Mark a leaf for each tiller that has 1 or more greenbugs 1 or more greenbugs Stop 1 Stop 2 Stop 3 Stop 4 Stop 5 yeenbugs 15 ►	Mark a leaf for each tiller that has 1 or more greenbugs 1 or more greenbugs Treat Stop 1 Stop 2 Stop 3 Stop 4 Stop 5 1 or more greenbugs 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 1 or less 25 or less	Mark a leaf for each tiller that has 1 or more greenbugs 1 or more greenbugs Treat

Field 5 Date Fall, Threshold = 3

Sample •		Mark a leaf for each tiller that has 1 or more greenbugs 1 or more			Don't Treat	Keep Sampling	Treat		
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ "	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	٥٥٥	▶ /15▶	1 or less	2-9	10 or more
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$		٥٥٥	٥٥٥	▶ /30 ▶	7 or less	8-15	16 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$		٥٥٥	٥٥٥	▶ /45 ▶	13 or less	14-21	22 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	000	٥٥٥	٥٥٥	▶ /60 ▶	19 or less	20-27	28 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	$\delta\delta\delta$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /75 ▶	25 or less	26-33	34 or more
Tillers 76-90 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /90 ▶	31 or less	32-39	40 or more